•	, ¢		•						_					Sheet2_	<u>(B)</u> of	4
SUBS1	TUT	E FORM	1 P	ro-1	449	,			U:	PARTMENT AND TRA	TOF COMMERCE	ATTY. DOCKET NO. 10722/ 005001		SERIAL N 09/584		
			STA'	TEME	NT	BY	API	CLOS PLIC	CANT	r /		APPLICANT Hagood IV et al.				
(37 (.98(b		era	, sr	ieei	cs ·	17 7	nece	AUG	1 0 2000 H	FILING DATE June 1, 2000		GROUP Z	834	
										W	U.S. BATEN	T DOCUMENTS				
EXAMII INITI				P	ATEI	NT I	MUM	BER		I SSUE DATE	RADEM	PATENTEE	CLASS	SUBCLASS	FILING IF APPRO	
TM	0	ВА	5	5	7	8	8	8	9	11/26/96	Epstein		310	339		
1		ВВ	5	5	5	2	6	5	7	09/03/96	Epstein et al.		310	339		
		вс	5	5	5	2	6	5	6	09/03/96	Taylor		310	337		
		BD	5	5	4	8	1	7	7	08/20/96	Carroll		310	339		
	\	BE	5	5	1	2	7	9	5	04/30/96	Epstein et al.		310	339		
	 	BF	5	3	0	5	5	0	7	04/26/94	Dvorsky et al.		29	25.35		
	l	BG	5	4	0	4	0	6	7	04/04/95	Stein et al.		310	330		
		ВН	5	2	4	5	2	4	2	09/13/93	Hall		310	316		
		BI	5	2	0	8	5	0	6	05/04/93	Yamash i ta		310	328		
		BJ	4	9	3	9	7	0	7	07/03/90	Nagao		368	64		
1	no	ВК	4	9	3	3	2	3	0	06/12/90	Card et al.		428	242		
	V W	<u></u>	_1							FOREIGN PA	TENT OR PUBLIS	HED FOREIGN PATENT APPLICAT	ION			
		<u> </u>	T							PUBLICATION					TRANSL	ATION
				DOC	:UME	NT	NUI	MBER	₹	DATE		COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO
		BL														
		ВМ	1													
1		BN													<u> </u>	
		во	T													
		BP														
		·				1	OTH	ER I	DOC	UMENTS (Incli	uding Author, T	itle, Date, Place of Public	cation)			
			T													
		BQ														
		BR														
			\downarrow	_												
		BS	-	-												
E	XAMI	NER -	\mathcal{T}_{I}	h_{a}	m	<i>a</i> –		W		Doughe	,ty	DATE CONSIDERED	2-15	-02		
EXA	MINE	R: Ini	tie	ılc	ita	tio	n c	ons	ide	ered. Draw l	ine through ci	tation if not in conformanc	e and not	considered.	Include	copy of
1																

٠	>		(_u						مر					Sheet	<u>s (c) </u>	of <u>4</u>
SUBSTIT		ORM	PT	0-1	449				PA	TENT AND RA	T OF COMMERCE	ATTY. DOCKET NO. 10722/005001		SERIAL NO	5. 84,881	
,		I	NFO TAT	RMA EME	TIO NT	N D	I SC	CLOS	SURE	: /	(78)	APPLICANT Hagood IV et al.				
	(U	se s	eve	ral	sh	eet	S	if r	nece	essatv) MIC	1 0 5000 BA	FILING DATE June 1, 2000		GROUP	0 - 61	
(37 CFF	R 1.9	8(b))							AUU				2	831	
										& II	RADEMARTPATEN	IT DOCUMENTS				
EXAMINE!				P#	TEN	4T P	(UMI	BER		I SSUE DATE		PATENTEE	CLASS	SUBCLASS	FILING IF APPRO	
two	, c	A	4	8	5	3	5	8	0	08/01/89	Sula		310	339		
TWY		В	4	8	4	9	6	6	8	07/18/89	Crawley et al		310	328		
1		C	4	8	4	5	3	3	8	07/04/89	Lakic		219	211		
	(:D	4	6	2	9	9	7	0	12/16/86	Johansson		323	285		
		E	4	5	9	5	8	5	6	6/17/86	Glomb Jr.		310	339		
	-	F	4	5	4	6	4	2	1	10/08/85	Bello et al.		363	21		
		G.	4	5	3	6	7	0	0	08/20/85	Bello et al.		323	285		
-	+	CH CH	4	5	Ó	4	7	6	1	03/12/85	Triplett		310	800		
		:I	4	4	6	7	2	3	6	08/21/84	Kolm et al.		310	321		
		CJ	4	4	5	9	5	3	9	07/10/84	Cordy, Jr.	;	323	299		
M	4	CK	4	4	4	2	3	7	2	04/10/84	Roberts		310	339		
1 10 3				1	1		ــــــــــــــــــــــــــــــــــــــ			FOREIGN PA	TENT OR PUBLIS	SHED FOREIGN PATENT APPLICAT	TION			
			Τ							PUBLICATION	4		CLASS SUBCLASS		TRANSLATION	
				DOC	CUME	ENT	NU	MBE	R ——	DATE		COUNTRY OR PATENT OFFICE	CLASS	JOBELASS	YES	NO
		CL														
		CM													1	
		CN	T												 	
		ÇO	T													
		СР	T		•											
	1						OTH	IER	DOC	CUMENTS (Incl	uding Author,	Title, Date, Place of Publi	cation)		<u> </u>	
	T		\top	Т												
		CQ	t	┪												
			十													
		CR	F													
		cs	-													
EX	AMINE	R J	 }_	'A C					,	Doughe	es fy	DATE CONSIDERED	-15-	02		
EYAM	INFR	_//	iti	al e	cita	ati	on	con	sid	ered. Draw	line through c	itation if not in conforman	ce and not	considered.	Include	copy of
this	form	า พา	th i	nex	t c	omm	uni	cat	ion	to applican	t. /					

•4								_	3					_		
UBSTITUT MODIFIED		PT	0-1	449				PA	TENT AND TR	NT OF COMMERCE	ATTY. DOCKET NO. 10722/005001		SERIAL N	o. 84,881		
	9	TAT	EME	TIO NT	BY	APP	LIC	CANT	· /o'`	0000 m	APPLICANT Hagood IV et al.					
	(Use s	eve	ral	sh	eet	is i	ifr	nece	essary)	1 0 5000 PEECE	FILING DATE	TE (a	
37 CFR 1	.98(b))							D. HO	70	June 1, 2000		GROUP	629	7	
									(Ely)	U SA PATEN	T DOCUMENTS					
AMINER ITIAL											PATENTEE	CLASS	SUBCLASS	FILING IF APPR		
m/A	DA	4	3	8	7	3	1	8	06/07/83	Kolm et al.		310	330			
m	DB	4	0	9	1	3	0	2	05/23/78	Yamashita		310	339			
my	DC	3	8	1	9	9	6	3	06/25/74	Kondo et al.		310	8.7			
111	DD															
	DE															
	DF															
	DG															
	DH			-												
	DI															
	DJ															
	DK															
									FOREIGN P	ATENT OR PUBLIS	HED FOREIGN PATENT APPLIC	CATION				
		Τ							PUBLICATIO	N	COUNTRY OR	CLASS	CLASS SUBCLASS		TRANSLATION	
			DOC	UME	NT	NUM	4BEI	·	DATE		PATENT OFFICE	02.700		YES	NO	
	DL	1							ļ							
		_							İ			1				
	DM	$oldsymbol{\perp}$														
	DM DN															
	ļ															
	DN															
	DN DO				-	ОТНІ	ER	DOC	UMENTS (Incl	uding Author, I	litle, Date, Place of Pub	lication)				
	DN DO					отн	ER	DOC	UMENTS (Incl	uding Author, I	itle, Date, Place of Pub	lication)				
	DN DO				(отні	ER	DOC	UMENTS (Incl	uding Author, 1	itle, Date, Place of Pub	lication)				
	DN DO DP				•	ОТНІ	ER	DOC	UMENTS (Incl	ucling Author, I	itle, Date, Place of Pub	lication)				
	DN DO DP				•	ОТНІ	ER	DOC	UMENTS (Incl	Lucling Author, 1	itle, Date, Place of Pub	lication)				
	DN DO DP DQ DR				•	ОТН	ER	DOC	UMENTS (Incl	uding Author, 1	Title, Date, Place of Pub	lication)				
	DN DO DP				•	ОТНІ	ER	DOC	UMENTS (Incl	uding Author, 1	itle, Date, Place of Pub	lication)				
EXAMI	DN DO DP DQ DR				1	отн	ER				Title, Date, Place of Pub DATE CONSIDERED					
EXAMI	DN DO DP DQ DR		n	na		отні	ER .		Dough	esty		2-19				

Sheet	1	of	1
DILOCE		OI.	

Substitute Form PTO-1449 (Modified)

(37 CFR §1.98(b))

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 10722-005001

Application No. 09/584,881

Information Disclosure Statement by Applicant
(Use several sheets if necessary)

Applicant

Nesbitt W. Hagood, IV et al.

Filing Date June 1, 2000 Group Art Unit

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TMO	AA	3,666,976	05/30/72	Gourlay et al.	310	8.8	
Om	AB	5,801,475	09/01/98	Kimura	310	319	
	AC					/0	TPE
	AD						C100
	AE					JAN BA	1 6 2001 y
	AF					PATERIA	1 0 2001 H
	AG					T _B	ADEMARK
***************************************	AH						
	AI						
	AJ						
	AK						

	Foreig	n Patent Doc	uments or P	ublished Foreign	Patent A	\ppl	icatio	ns	
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	In t'l. Class	Sul	oclass	Trans Yes	lation No
TMD	AL	WO 99/23749	10/29/98	WIPO	H02N	2/	18	X	
DMD	AM	EP 0 673 102 A1	09/20/95	Europe	H02.J	7/	00	Х	
mb	AN	CA 2,257,935	12/24/97	Canada	B05B	40	9/00		
	AO								
	AP								

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
mis	AQ	International Search Report dated 10/19/00.
	AR	
	AS	
	AT	

Γ 		Date Considered
Examiner Signature		1
Thomas M. Do	nigherty	2-15-02
TON MOST CONTRACTOR	Cy DOU	not in conformance and not considered. Include copy of this form with
EXAMINER: Initials citation considered. Dra	awyline through citation in h	lot in conformance and not considered. Include copy of the form than
next communication to applicant.	///	D. I. W. J. Di. L. T. Form (DTO 1440)
	<i>j</i> 1	Substitute Disclosure Form (PTO-1449)

	•		υ						1	a				Sheet1_	(A) o	f <u>4</u>
SUBST (MOD I		re Form	4 P	το-	144	9			U P	ATENT AND TRA	T OF COMMERCE	ATTY. DOCKET NO. 10722/ 005001		SERIAL N 09/58	0. 4,881	
		;	STA'	TEM	ENT	BY	AP	CLO PLI	SUR CAN		, 1C98	APPLICANT Hagood IV et al.			` \	
		-		CI A		1166	LS	••	icc	AUI 💆 AUI	1 0 2000 H	FILING DATE		GROUP	3 34	
(37 (CFR '	1.98(b)) 								<i>\tag{\text{\ti}}\text{\tett{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\tetx{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\titt{\text{\text{\texi}\texitt{\texitit{\text{\texi}\text{\text{\texi}\text{\text{\texi}\titt{\texi{\texi}\text{\texit{\tetit{\texi}\texit{\texi}\titt{\texi}\texitt{\texit{\texi{\t</i>	June 1, 2000	- <u> </u>	- 4	\$ 29	
		···								, , , , , , , , , , , , , , , , , , ,	PADEMAR PATEN	T DOCUMENTS	,	· · · · · · · · · · · · · · · · · · ·		
EXAMIN INITI/				P.	ATE	NT	NUM	BER		I SSUE DATE		PATENTEE	CLASS	SUBCLASS	FILING IF APPR	
سند	0	AA	5	8	5	7	6	9	4	01/12/99	Lazarus et al.		280	602		
1		АВ	5	8	3	9	5	0	8	11/24/98	Tubel et al.		166	65.1		
		AC	5	8	3	5	9	9	6	11/10/98	Hashimoto et a	l.	323	364		
		AD	5	8	1	4	9	2	1	09/29/98	Carroll		310	339		
		AE	5	7	8	3	8	9	8	07/21/98	Wu		310	316		
		AF	5	7	7	5	7	1	5	07/7/98	Vandergrift		280	602		
		AG	5	7	5	1	0	9	1	05/12/98	Takahashi et a	ıl.	310	339		
	 	AH	5	7	o	3	4	7	4	12/30/97	Smalser		323	299		
	-	AI	5	6	8	7	4	6	2	11/18/97	Lazarus et al.		29	25.35		
	\vdash	AJ	5	6	5	6	8	8	2	08/12/97	Lazarus et al.		310	328		
	₩_	AV	5	6	2		+-	+-	4	04/15/97	Epstein et al.		310	339		
Th	~O)	1_	1_	1_	Τ.			1_		1	HED FOREIGN PATENT APPLICAT	ION		L	
		T	Т							PUBLICATION	T		1	T	TRANSL	ATION
			DOCUMENT NUMBER						!	DATE		COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	но
m	n	AL	WC	970	484	1				13.02.97	PCT					
m	W	AM	WC	983	468	39				13.08.98	PCT					9
•		AN	Π									*				
_		AO	T													
		AP	T													
		, 1										tal. Date Division of Building				
	····						OTH	ER I	OCI	UMENTS (Inclu	aing Author, T	itle, Date, Place of Public	acton)			
		PA	<u> </u>	_									4			
			\perp	\perp												
		AR	L													
		AS		_												
E	KAMII	NER 7	n	W	N	m		И	/	Down	herty	DATE CONSIDERED	2-15-	02		
EXA	41 NEI	R: Ini	tia	l c	ita	tio	n c	ons	ide	red. Draw	ine through cit	ation if not in conformance	and not c	onsidered.	Include	copy of
this	s fo	rm wit	h n	ext	CO	mmu	nic	ati	on	to applicant	• '	·				